

12/13 Rec'd 12/17/06 18 JAN 2006

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| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | Filed concurrently 10/56498 |
| | | Filing Date | January 18, 2006 |
| | | Applicants | Nobuhiko OOHARA et al. |
| | | Group Art Unit | |
| | | Examiner Name | |
| Sheet 1 of 2 | | Attorney Docket Number 0092/019001 | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL* | Cite No. ¹ | DOCUMENT NUMBER Kind Code ² <i>(if known)</i> | NAME | DATE MM-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL* | Cite No. ¹ | Foreign Patent Document | | | NAME | DATE MM-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|----------------------|--------------------------|--|---------------------|---|--------------|-----------------|--|----------------|
| | | Kind Code ⁵ Office ⁶ <i>(if known)</i> | Number ⁴ | | | | | |
| low | | WO | 03/042135 | A | ZHANG et al. | 05/2003 | | |
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EXAMINER

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|--|------------------------|--------------------|-------------------------------------|
| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | Filed concurrently 10/564984 |
| | | Filing Date | January 18, 2006 |
| | | Applicants | Nobuhiko OOHARA et al. |
| | | Group Art Unit | |
| | | Examiner Name | |
| Sheet 2 of 2 | Attorney Docket Number | 0092/019001 | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| EXAMINER INITIAL* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
|----------------------|--------------------------|---|----------------|
| LOW | | BURK, J. et al., "Preparation and Use of C ₂ -Symmetric Bis(phospholanes): Production of α-Amino Acid Derivatives via Highly Enantioselective Hydrogenation Reactions", J. Am. Chem. Soc., 1993, pp. 10125-10138, Vol. 115, No. 22, American Chemical Society. | |
| LOW | | IMAMOTO, T. et al., "P-Chiral Bis(trialkylphosphine) Ligands and Their Use in Highly Enantioselective Hydrogenation Reactions", J. Am. Chem. Soc., 1998, pp. 1635-1636, Vol. 120, No. 7, American Chemical Society. | |
| LOW | | IMAMOTO T. et al., "Optically Active 1,1'-Di-tert-butyl-2,2'-diphosphetanyl and Its Application in Rhodium-Catalyzed Asymmetric Hydrogenations", Synthesis 2004, 2004, pp. 1353-1358, No. 9, Georg Thieme Verlag Stuttgart, New York. | |
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